

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE		PAGE OF PAGES 1   5	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 15-Oct-2003		4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable)	
6. ISSUED BY NAVAL SURFACE WARFARE CENTER, CARDEROCK CODE 3352, KAREN VAN GIESEN 5001 SOUTH BROAD ST. PHILADELPHIA PA 19112-1403		CODE N65540		7. ADMINISTERED BY (If other than item 6)  <b>See Item 6</b>		CODE	
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)				X		9A. AMENDMENT OF SOLICITATION NO. N65540-03-R-0084	
				X		9B. DATED (SEE ITEM 11) 22-Sep-2003	
						10A. MOD. OF CONTRACT/ORDER NO.	
						10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS							
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended.  Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.							
12. ACCOUNTING AND APPROPRIATION DATA (If required)							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
A.THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.							
B.THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).							
C.THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
D.OTHER (Specify type of modification and authority)							
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.							
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) Solicitation N65540-03-R-0084 is amended as follows:  1. Replace Page 2, Section B "Supplies or Services and Prices" with the attached revised Page 2. 2. Add Attachment J.6 "GGA 185 Accessory Repair Requirements" to Solicitation.  Continued							
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.							
15A. NAME AND TITLE OF SIGNER (Type or print)				16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
_____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)		15-Oct-2003	

## SECTION SF 30 BLOCK 14 CONTINUATION PAGE

The following answers are provided for offeror's questions to this solicitation:

Question

Please clarify the pricing requirement of Solicitation No. N65540-03-R-0084? It looks like one lump sum price to complete the work required under Section C - Statement of Work, but my question is what happens if after the teardown and inspection additional damage is detected, will we be given the opportunity to change our pricing?

Answer

Unforeseen work is addressed in Section C.3.5 "LM2500 SST Gas Generator Minimum Work Scope" and Section H "Unforeseen Work".

Question

Please supply a part number and description of the LM2500 accessory 'Power Level Angle Actuator' and the part numbers for the 'Main Fuel Control' and 'Starter'

Answer

The Power Level Angle (PLA) Actuator is an electro-mechanical device which interfaces the PLA Actuator electronics with the Main Fuel Control lever. It consists of a DC torque motor to drive the lever, a line filter, a DC tach generator, a potentiometer and gear coupling between the components and the output shaft.

Please refer to Attachment J.6 "GGA 185 Accessory Repair Requirements provided with this amendment for part numbers.

Question

**Test Cell** - Our test cells operates only on natural gas . In previous bids we have prepared for LM2500 for the US Navy it has not posed a problem that we do not test using liquid fuel. We would like to clarify for this solicitation N65540-03-R-0084.

Answer

A test cell which operates on natural gas is acceptable for this solicitation.

Question

The solicitation defines the requirements on the number of hardcopies to be submitted. Please advise whether transmission of the bid documents in electronic format would be an acceptable means of transmission.

Answer

Bid documents in electronic format are not acceptable.

Question

This section contains a quote item 0001 and 0001AA requesting a Dollar amount to be quoted for each line item. The verbal description for each line item is identical. Please clarify the purpose of duplicated line items.

Answer

A revised Section B, Page 2 is furnished with this amendment.

Question**REF : C.3.5.1. – Compressor Rotor and Stator**

The subject paragraph defines the requirement of HPC Blades Stage 1 replacement. It is our understanding that the Navy will deliver a parts kit to cover such replacement at no cost to the contractor. Consequently, neither the cost of material nor the cost of blades repair shall be included in contractor's price. Please verify whether our understanding is correct.

Answer

The US Navy will not be providing refurbished stage 1 compressor blades under this contract.

The contractor should include both cost of material and labor for stage 1 compressor blade refurbishment in their firm fixed price proposal.

Question**REF : C.3.5. – Gas Generator Minimum Work Scope**

The solicitation requires bidders to submit firm fixed pricing. Subject paragraph defines minimum work scope requirements which are exclusive of any repairs or parts replacements. It is further requested that after teardown and inspection, the contractor shall hold a workscope meeting during which the findings and the required scope of work shall be presented to NSWC. Based on the foregoing it is understanding that the firm fixed price to be quoted shall only cover the minimum work scope of teardown and inspection as defined in paragraph C.3.5 exclusive of any cost for piece parts repair, material replacement, engine assembly and test. Please verify whether our understanding is correct.

Answer

The firm fixed price quoted by the contractor for this overhaul should include the cost to perform the “minimum repair requirements” included in Section C of the solicitation. The minimum repair requirements are specifically defined in Section C.3.5 of the solicitation. The contractor should also include the cost to teardown and inspect the engine, reassemble the engine, and to test the engine in their firm fixed price.

Unforeseen work is addressed in Section C.3.5 "LM2500 SST Gas Generator Minimum Work Scope and Section H "Unforeseen Work".

Question**REF : C.3.5.1. – Compressor Rotor and Stator**

Further to the principle as explained in question # 4, it is our understanding that the firm fixed price to be quoted shall only cover the requirements as defined in subject paragraph. Cost for component repairs and parts replacement as deemed to be necessary in result of inspection findings shall be chargeable over and above the firm fixed price subject to acceptance and approval by NSWC Code 9333 during work scope meeting. Please verify whether our understanding is correct.

Answer

The contractor's firm fixed price pursuant to subject paragraph C.3.5.1 should cover the minimum repair requirements detailed in the paragraph. Unforeseen work is addressed in Section C.3.5 "LM2500 SST Gas Generator Minimum Work Scope and Section H "Unforeseen Work".

Question**REF: C.3.5.3 - Combustor**

Further to the principle as explained in Question No. 4, it is our understanding that the firm fixed price to be quoted shall only cover the requirements as defined in subject paragraph which shall be inclusive the cost of combustor dome replacement. Any additional cost for component repairs and parts replacement as deemed to be necessary in result of inspection findings shall be chargeable over and above the firm fixed price subject to acceptance and approval by NSWC Code 9333 during work scope meeting.

Answer

The contractor's firm fixed price pursuant to subject paragraph C.3.5.3. should cover the minimum repair requirements detailed in the paragraph which should include material and labor costs to replace the combustor dome. The contractor is responsible for providing the combustor dome. Unforeseen work is addressed in Section C.3.5 "LM2500 SST Gas Generator Minimum Work Scope and Section H "Unforeseen Work".

Question**REF: C.3.5.4- High Pressure Turbines**

Further to the principle as explained in question # 4, it is our understanding that the firm fixed price to be quoted shall only cover the requirements as defined in subject paragraph. Any additional cost for component repairs and parts replacement as deemed to be necessary in result of inspection findings shall be chargeable over and above the firm fixed price subject to acceptance and approval by NSWC Code 9333 during work scope meeting. Please verify that our understanding is correct.

Answer

The contractor's firm fixed price pursuant to subject paragraph C.3.5.5 should cover the minimum repair requirements detailed in the paragraph. Furthermore, for clarification, the U.S. Navy will not be providing refurbished HPT Stage 1 and Stage 2 nozzles and blades under this contract. The contractor should include both cost of material and labor HPT Stage 1 and Stage 2 nozzles and blades refurbishment in their firm fixed price proposal. Unforeseen work is addressed in Section C.3.5 "LM2500 SST Gas Generator Minimum Work Scope and Section H "Unforeseen Work".

Question.

**REF: C.3.5.6 - High Pressure Turbine Blades and Nozzle Requirements**

Further to the principle as explained in Question #4, it is our understanding that the coating requirements are listed for technical specification purposes only. Actual costs of Blade/Nozzle repair and replacement shall be chargeable over and above the firm fixed price based on actual scrap rates and subject to acceptance and approval by NSWC Code 9333 during work scope meeting. Please verify whether our understanding is correct.

Answer

Condition inspection, refurbishment and PtAL coating of HPT blades and nozzles should be included in the contractor's firm fixed price proposal and part of the minimum repair requirements of this contract. Unforeseen work is addressed in Section C.3.5 "LM2500 SST Gas Generator Minimum Work Scope and Section H "Unforeseen Work".

Question

**REF: Table 1, LM2500 Gas Turbine Upgrade Kits and Table 2 - Changes to Upgrade Kits**

It is our understanding that for selected GTB's the Navy will supply upgrade kits at no cost to the contractor. Furthermore, it is our understanding that the respective kit contains of a complete set of material as necessary to incorporate subject modification. Please verify that our understanding is correct.

Answer

Your understanding is correct. Following review of the engine logbook and completion of the teardown and inspection of the engine, the awarded contractor should provide a list of U.S. Navy technical directive (TD) upgrade kits (GTBs, GTCs AYC's) to the U.S. Navy during the work scope meeting that need to be incorporated on the engine.

The U.S. Navy will provide the material needed to accomplish each required TD at no cost to the contractor. This applies to all TD kits except the following: GTCs 75, 78 and 89 for which the contractor will be responsible for providing the material.

Table 2 of Section C of the solicitation represents a list of mandatory TDs that are required to be installed on the engine based solely on the review of the engine logbook by NSWC. This information needs to be validated by the contractor during the teardown and inspection of the engine to determine whether or not more or less TDs need to be installed and to determine that the engine logbook is accurate.

Question

Please advise about the estimated milestones for award of contract and engine induction in contractor's depot.

Answer

The estimated milestone for award of contract is within 3 months of the closing date of the solicitation. Refer to Section C. 3.9 and C.6 of Section C "Descriptions and Specifications" and Section F "Deliveries or Performance for milestones of engine induction".

SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	OVERHAUL FFP - Overhaul of one EA. U.S. Navy LM2500 Single Shank (SST) Gas Generator Assembly and concurrent components and accessories in accordance with Section C - Statement of Work				
NET AMT					

ITEM NO.	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002	TECHNICAL DATA Technical Data in accordance with DD Form 1423, Seq. Nos. AOO1-A005				
NOT SEPARATELY PRICED					

# **GGA 185 ACCESSORY REPAIR REQUIREMENTS**

<b>GGA 185 ACCESSORIES</b>	<b>GGA 185 ATTACHED ACCESSORY P/N PER LOGBOOK</b>	<b>ACCESSORY CONFIGURATION REQUIRED FOLLOWING O/H</b>	<b>NOTES</b>
Main Fuel Control (MFC)	L16716P24	L16716P25	<u>GTC 54 and GTC 66</u> required.
Fuel Pump	9039M45P03	9039M45P09	<u>GTC 12 and GTC 45</u> required.
Lube and Scavenge Pump	L21289P01 (5 ELEMENT)	L24407P07	<u>GTC 83</u> (2 kits) required.
PLA Actuator	L22263P04	L22263P07A	<u>GTC 95AA</u> required.
CIT Sensor	L21225P02	L21225P02	No configuration upgrade required.
Starter	L34085P07 (3505454-7-1)	L34085P08	<u>GTC 55 and depot provided connector</u> required.
Gearbox, Inlet	L21082G06	No Requirement	No Requirement
Gearbox, Transfer	L21441G14	No Requirement	No Requirement

Disclaimer: The information presented above is based on review of the Marine Gas Turbine Equipment logbook for GGA 185.  
A complete engine teardown and inspection of the engine will still be necessary to validate logbook information.